



REPS2 Polyclonal Antibody

Catalog No	BYab-06015
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	REPS2 POB1
Protein Name	RalBP1-associated Eps domain-containing protein 2 (Partner of RalBP1) (RalBP1-interacting protein 2)
Immunogen	Synthesized peptide derived from human protein . at AA range: 390-470
Specificity	REPS2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	72kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Expressed at high levels in the cerebrum, cerebellum, lung, kidney, and testis. Weakly expressed in the kidney. Isoform 2 is down-regulated during progression of prostate cancer.
Function	function:Involved in growth factor signaling through its influence on the Ral signaling pathway.,PTM:EGF stimulates phosphorylation on Tyr-residues and induces complex formation with EGF receptor through an adapter protein such as GRB2.,similarity:Contains 1 EF-hand domain.,similarity:Contains 2 EH domains.,subunit:Interacts with ASAP1 and this complex can bind paxillin. May form a ternary complex with RALBP1 and ASAP1 (By similarity). Interacts with RALBP1 and GRB2. Binding to RALBP1 does not affect the Ral-binding activity of the latter. It can form a ternary complex with activated Ral and RALBP1. Binds EPN1.,tissue specificity:Expressed at high levels in the cerebrum, cerebellum, lung, kidney, and testis. Weakly expressed in the kidney. Relatively highly

Nanjing BYabscience technology Co.,Ltd



expressed in androgen-dependent as compared to androgen-independent prostate cancer cell lines and xenografts. Isoform 2 is down-reg

Background

The product of this gene is part of a protein complex that regulates the endocytosis of growth factor receptors. The encoded protein directly interacts with a GTPase activating protein that functions downstream of the small G protein Ral. Its expression can negatively affect receptor internalization and inhibit growth factor signaling. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658